



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

M. Pinarbasi

Serial No.: 09/458,581

Filed: 12/09/99

For: SPIN VALVE SENSOR FREE LAYER
STRUCTURE WITH A COBALT
BASED LAYER THAT PROMOTES
MAGNETIC STABILITY AND
HIGH MAGNETORESISTANCE

Group No.: 1753

Examiner: Rodney McDonald

Docket No. SA998141

15/1
W.M.
4/17/03

Assistant Commissioner for Patents
Washington, D.C. 20231

RECEIVED
APR 15 2003
TC 1700

Sir:

AMENDMENT

In response to the Office Action mailed 02/03/2003 please amend the application as follows:

In the drawings

A "Request for Drawing Amendment" accompanies this document.

Specification after amendment (see "Attachment" for present amendment)

Page 8, lines 16-17, the following three paragraphs are substituted:

Fig. 14 is a schematic illustration of an ion beam gun, target and substrate with the substrate rotated by angle α with respect to the target;

Fig. 15A is a perspective view looking from the right of and partially down on Fig. 14 with the ion beam gun enlarged and with the substrate rotated by angle β in addition to angle α ;

Fig. 15B is the same as Fig. 14 except the substrate has been rotated by angle β ;